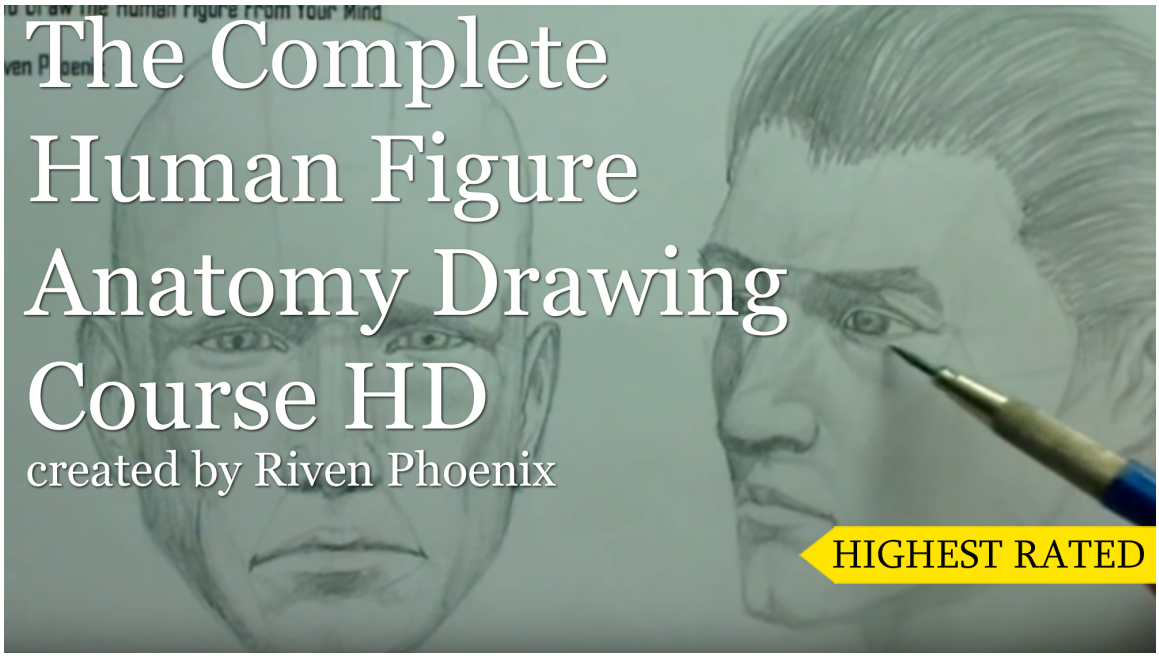

The Structure of Man

Learn to Draw the Human Figure From Your Mind with Riven Phoenix

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Figure Drawing Lesson 037 - The Invention of The Spine - Part 7

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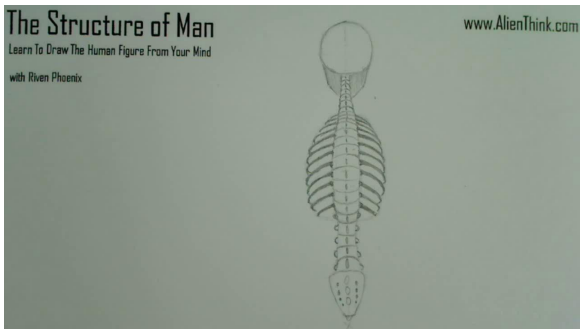
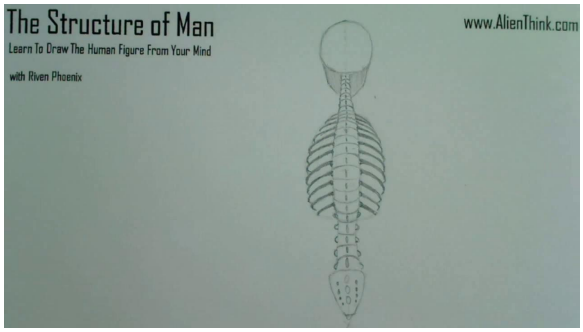
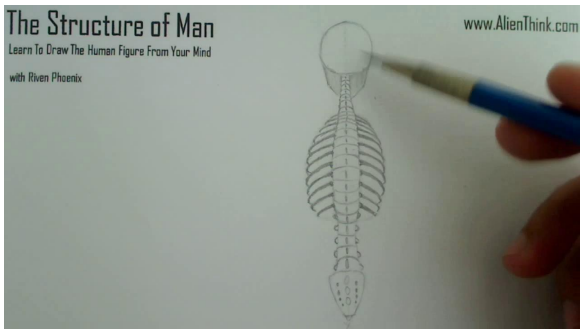
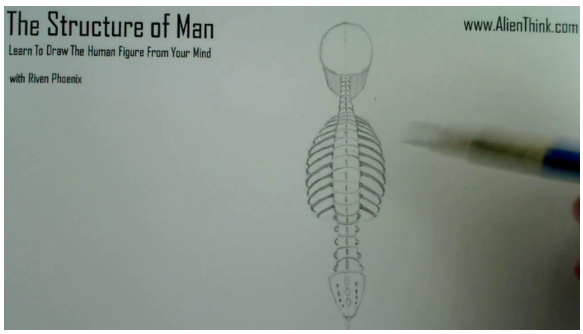
1		Hey guys, my name is Riven Phoenix and welcome to the structure of man learned to draw the human figure from your mind training course.
2		Okay, so now in the previous lesson we had looked at the back view of the structure with the better understanding of the spine and the chest cavity and the sacrum.
3		So now what we're going to do is create the front view. So basically when we create the front view, we're just going to really have to a bit of understanding of the sacrum and how the chest cavity is going to be constructed and then have and with the front drawing we're now going to put the scapula.
4		So basically we'll just come back to these drawings and add the scapula to finish them off.

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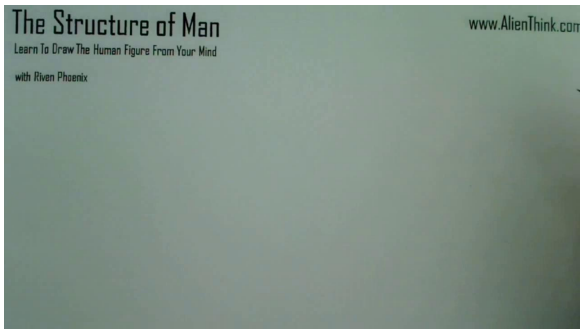
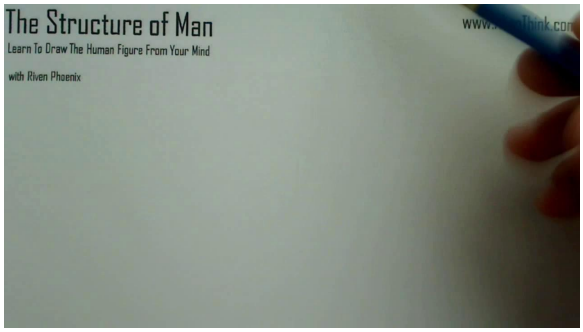
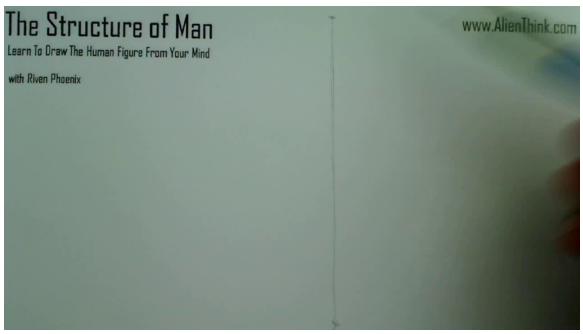
5		Okay, so for the front view it's going to be very simple but here we're just going to understand better understand the rib system, the numbering system and how the the the sterum it's going to be placed.
6		Okay, so to draw this out we're basically just going to do the same thing.
7		Just draw out here I'm just going to draw it out again about here in a space on the camera.
8		Okay, so I know right it's the center line, bottom of the pack, the bottom of the chin and then the navel.

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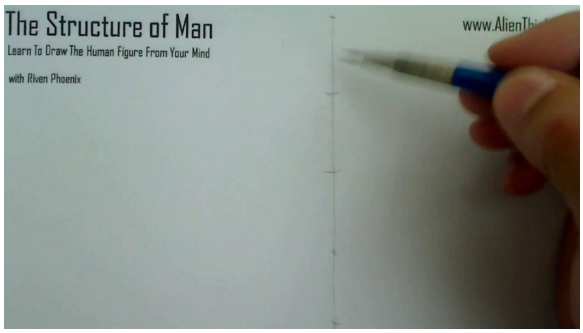
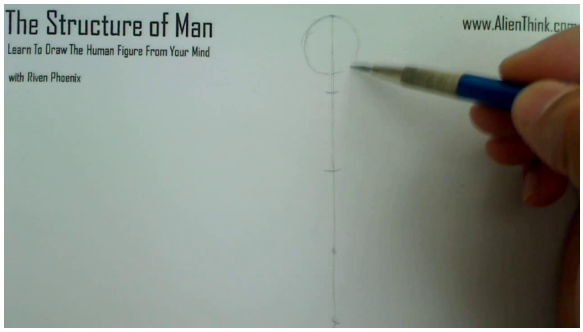
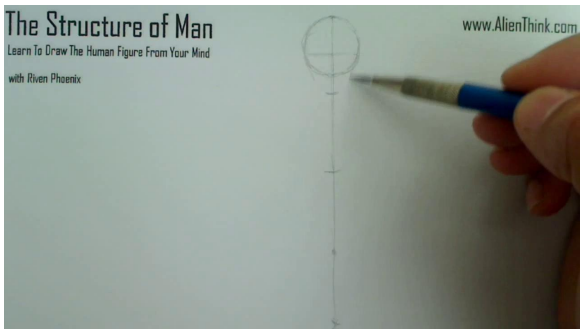
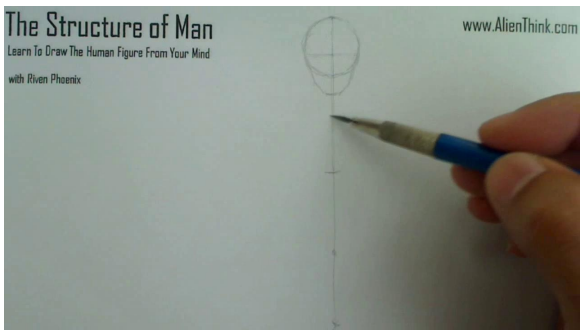
9		Right, and here again we're going to just use that same idea of drawing using a very simple sketching system because we know that it's that is the best process to always put down your drawings because it gives you much more successful drawings.
10		Right, so when we're drawing this we're really thinking about the forms of the figure so here I'm just going to be much more sketchier with this.
11		Right, so basically if I just bring this down right you can just go like this because I know it's going to be here right you can just now start assuming stuff is going to be here.
12		So here where the clavicle is I know that it's just going to be over here like this I know that it's going to be around here.

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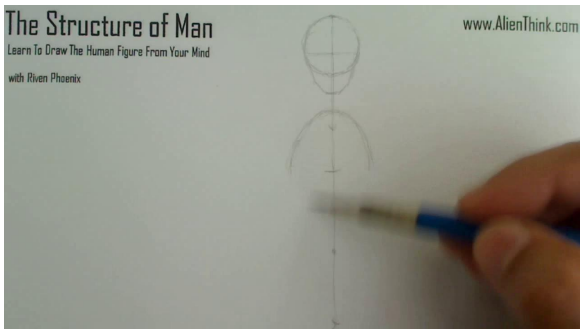
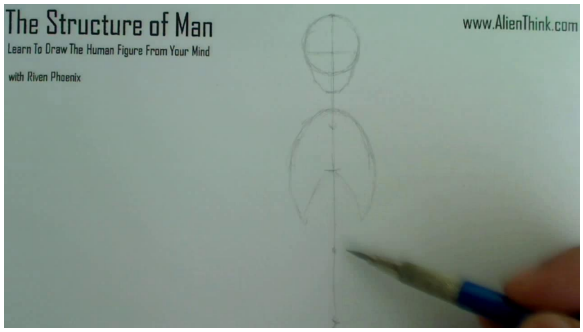
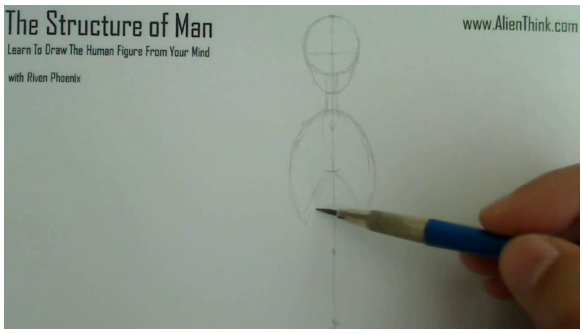
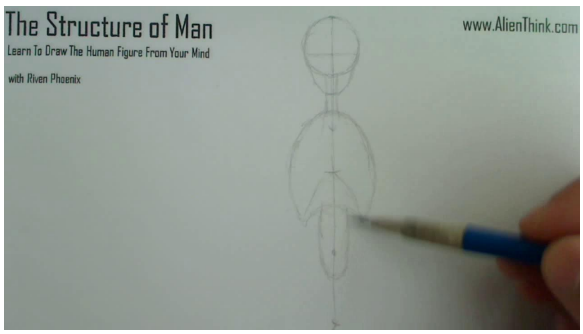
13		And then over here for divide this in three different parts also know that it's just going to come over here just like this like this nice actually right so just make sure that when you're sketching it right don't start getting into details until you're sure that you've got everything laid out.
14		Right over here now when we do the spine is the same exact thing just like the back here we can just imagine it we don't have to divide really much here for the front is just going to be here and then over here it's going to be a little more different now right because over here we already know that it's going to be something like this from the back.
15		Right it's going to be like this for the chest cavity and we know that this here it's now going to bulk towards us so it's going to be something like this right just put your general ideas down it's going to be like this somewhat is going to start to go because it's really that one third over here that we know that the sacrum is just going to be here like this.
16		Right so this is going to be like this and then this now is going to be going away from us like this okay and then it's going to be coming towards us.

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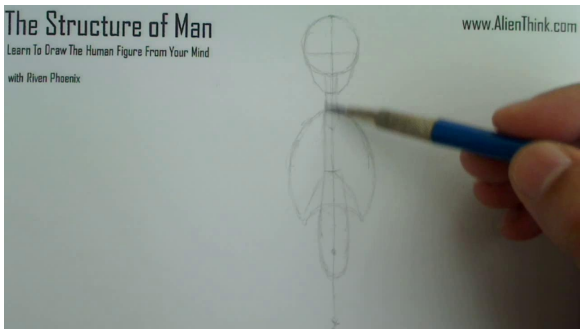
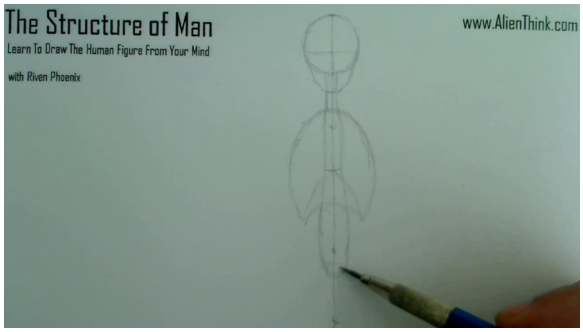
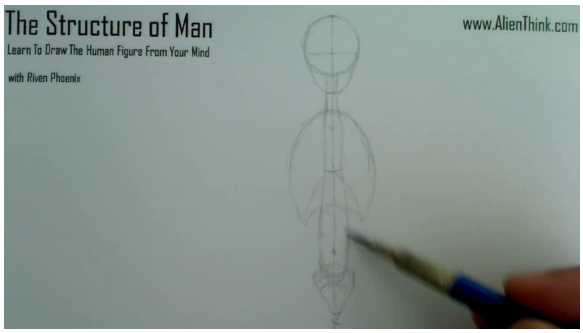
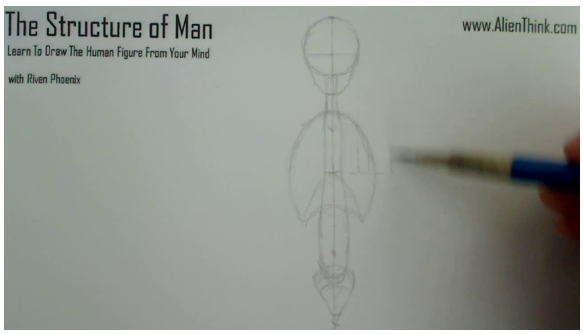
17		But then it gets skinny over here right so it's really just a basic concept of just understanding right so you don't really have to worry about this because you're going to be drawing the front right what matters is this understanding now when we draw out the
18		the sacrum right we know that okay it's going to be we know that that line for the sacrum is here and I know it's going to be just about the width of the head so really I'm just going to draw it this way make a curve down and go like this right so here's going to be like all shaded in just like this right and this is going to be the spine that's connecting
19		and we'll divide this in a little bit here so let's just do the scapula over here we know so now here let's take it since this is a bigger drawing we can actually look at this in a little more detail here.
20		Right so we know that I'm just going to draw out the box here for you here usually you can just do it with a line over here.

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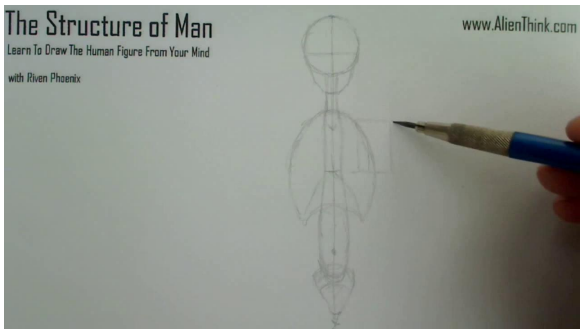
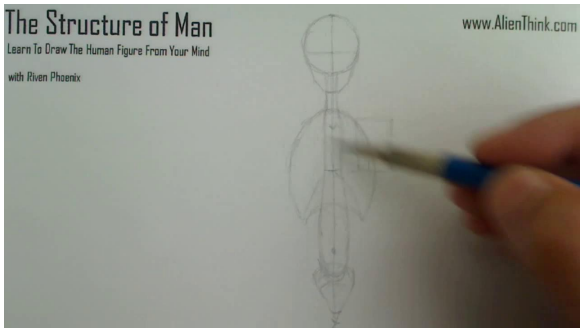
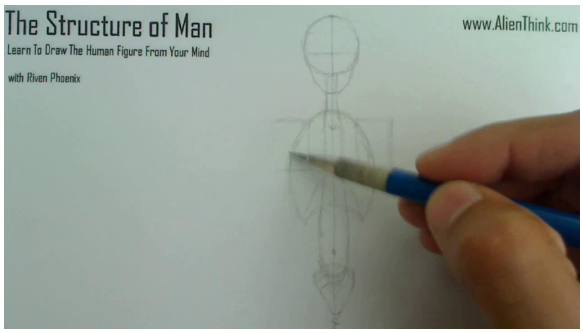
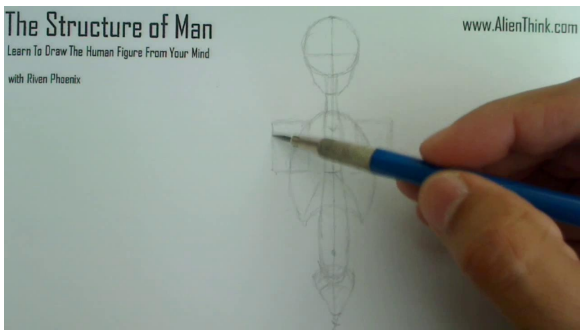
21		Right you can just draw that X so we already had discussed this that over here we're just going to come back in a little bit right so here so if I do the clavicle like this we know that we're going to get this right because it's going to be like this right later on when we look at the clavicle it's going to go here so we know it's going to go here basically your ball joint is going to be about here.
22		Right so here we'll do the same thing on this side here right so just sketch it out like this again this is just to get the mind used to remember this the scapula is not attached to the
23		the scale structure it actually floats on it because of the muscles right so here just to make sure you can just measure this to make sure that you're going to get pretty much
24		about the same exact size over here right just double measure it so here we already know that if we divide this over here like this we know that right it's just going to be over here like so and then here then here and it's going to be like this right just get the basic ideas layout you're drawing

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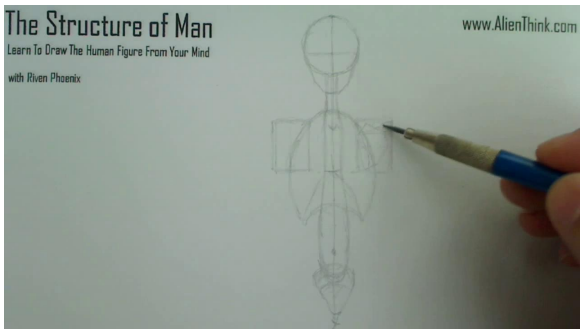
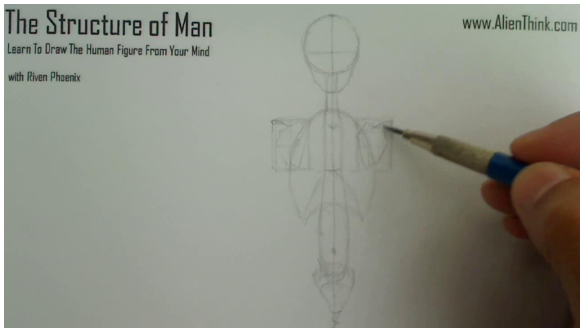
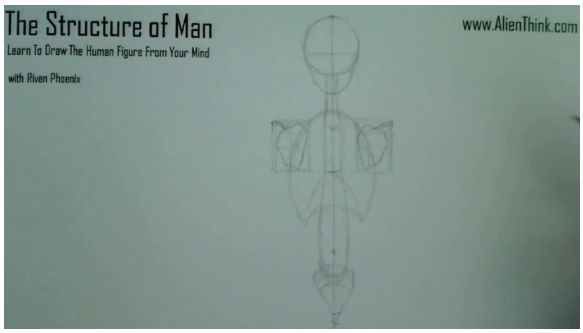
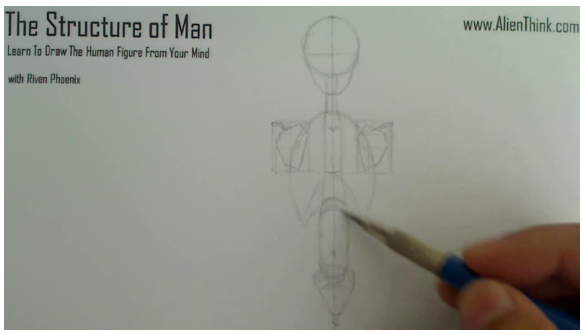
25		basic concept out that the ball joint is going to be here right and again notice that I'm just doing everything light over here right just like this over here it's going to be the same thing over here I know that this is just going to come here like this and it's going to come here and then I'll be done with this knowing that this comes out a little bit and this is going to come out
26		a little bit over here like this okay so now we'll actually do this darker so you can see that's basically it but you should just know how to do this now okay
27		okay so once we have this we know that okay well the the fifth one is basically in inside here like this right then over here
28		this is really the fifth one so I'm going to do it this way this way this way right and this one one two three four five so once I have this I just need to divide this up over here so here I'm just going to do one two three

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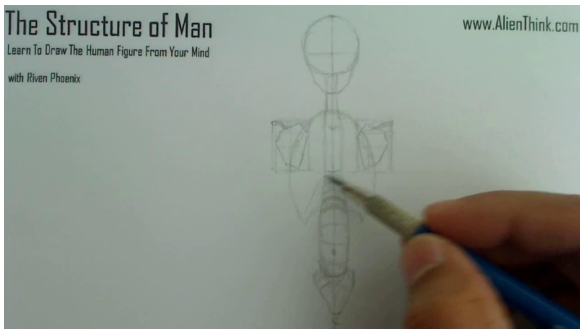
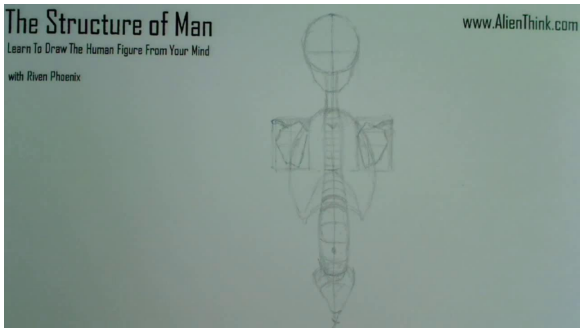
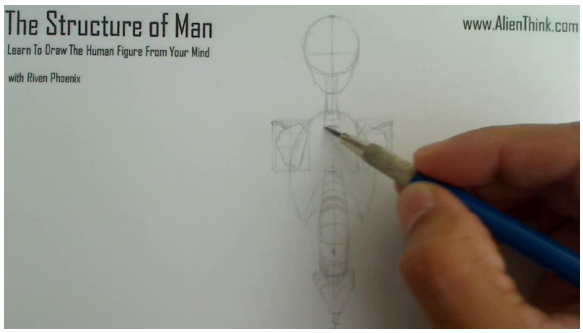
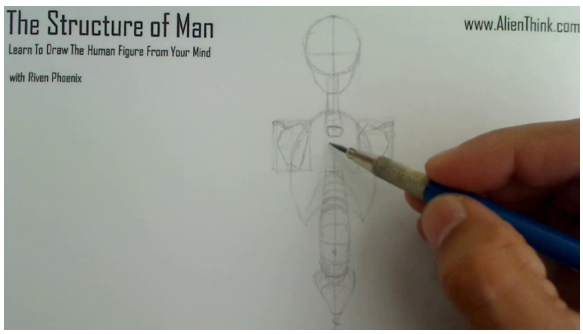
29		three four five six seven eight nine and then ten and then eleven right so just do this lightly right because you don't have to know what's going on here just get this part right because you'll see that it's just common sense right
30		so here now I'm going to erase this part of the spine over here okay so basically where the clavicle comes you're going to have the sterum
31		and you can make it just about this size over here right and this sterum is just going to be divided like this just make like a tie
32		and where this is you just know that it's going to be coming over here like this like it's the tie over here and then you're going to get like a point of it right

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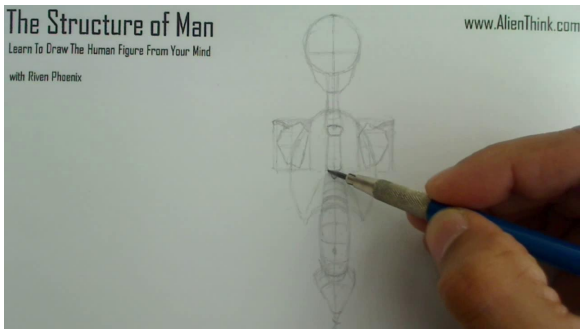
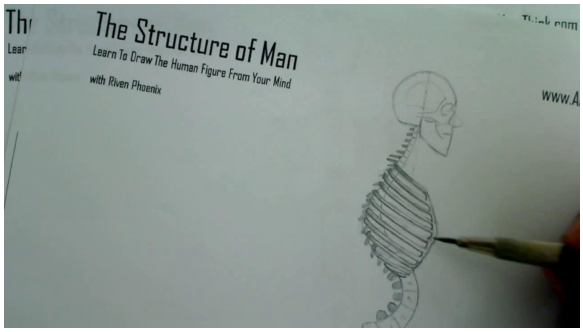
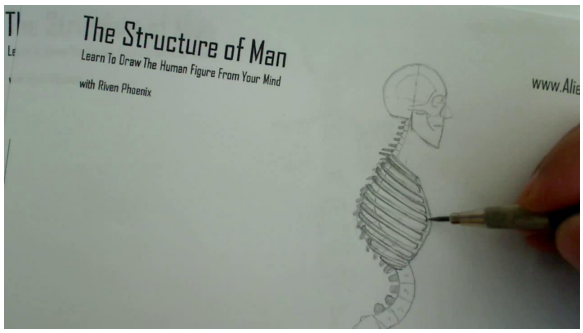
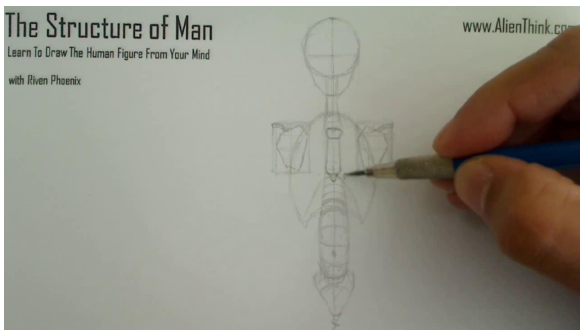
33		it's like the most basic concept of it okay so once you have this right we when we looked at the side right when we looked at the side when we did this we know that this is the seventh bone right so if you look at this
34		okay so here is one two three four five six seven eight nine ten eleven and then over here didn't finish this one off which is twelve okay so this is going to be one two three four five six seven eight nine ten eleven twelve
35		right so this is the seventh one okay okay so what this means is that I really just need to do the same thing here
36		I know that this is going to be the seventh one this one and over here it's the same thing right you're going to get sixth right oh sorry seven

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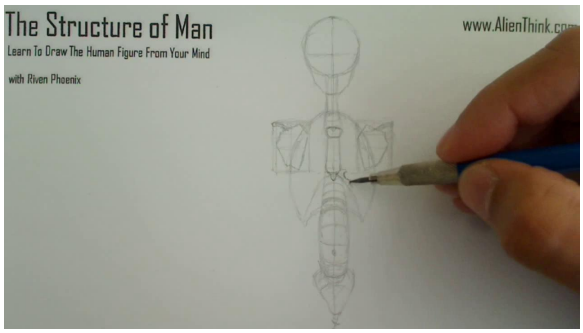
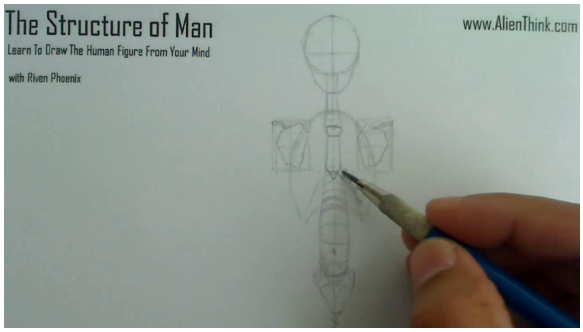
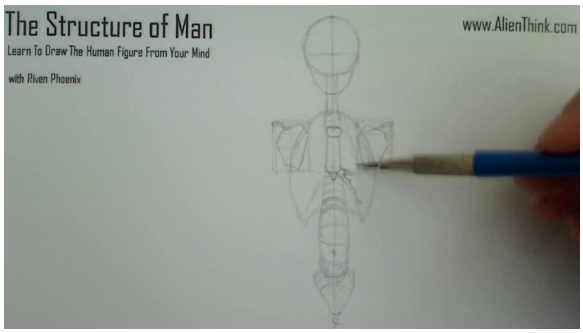
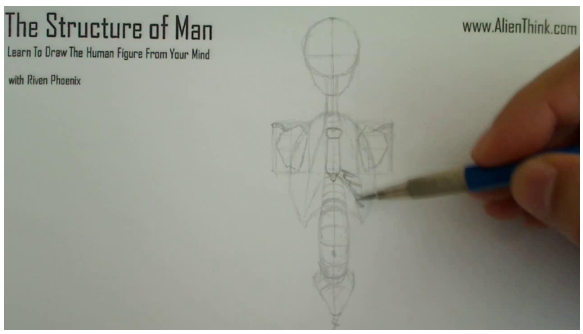
37		then you're going to get eight nine then you're going to get the the tenth one over here okay so this one
38		when this stuff comes out like this right basically this sterum is going to be designed this way so you're going to come out it's the same concept is that if you draw a line like this
39		the the whole sterum system is going to have to fit in here so it's going to be seven is going to be eight nine is going to be ten okay
40		going to be ten and then you're going to get the 11th one over here which hangs off and then you're going to get the 12th one over here seven

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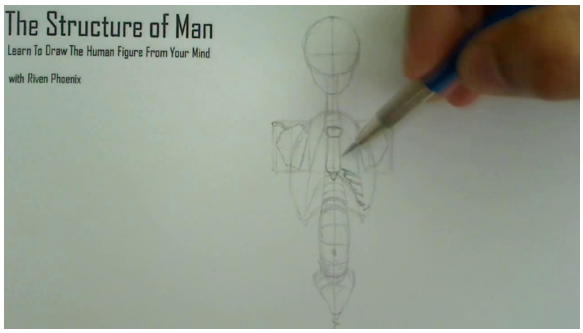
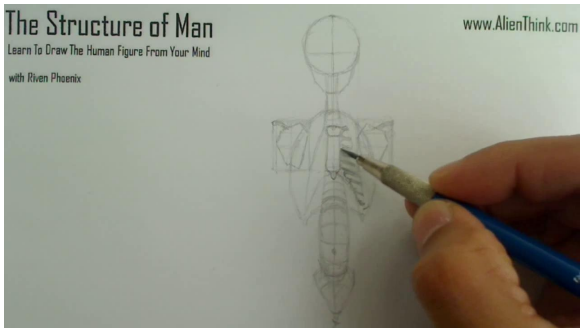
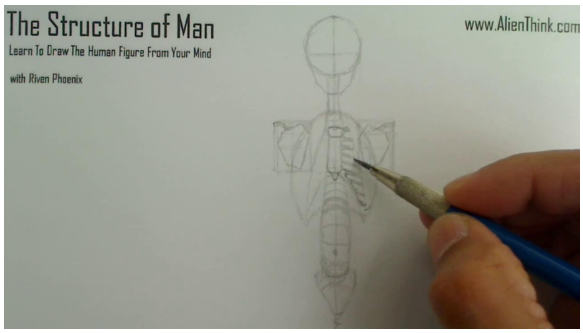
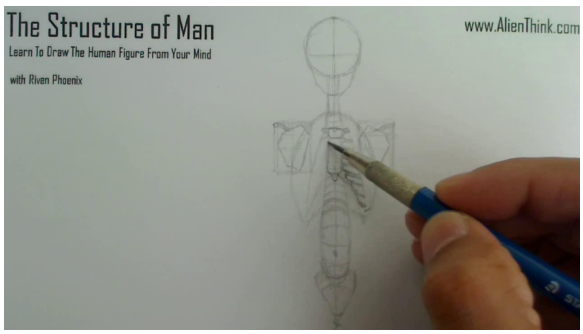
41		okay so this is going to be eight nine ten then eleven and then the 12th one okay so now we can just simply draw this up like this
42		right and this is why it's important to sketch this up out because this is a lot of intricate stuff
43		and it's important to just understand okay how does all this stuff work okay so this is going to be over here you know
44		that this is just going to be here right so there are two things that you should know where this junction is this is the 11th one

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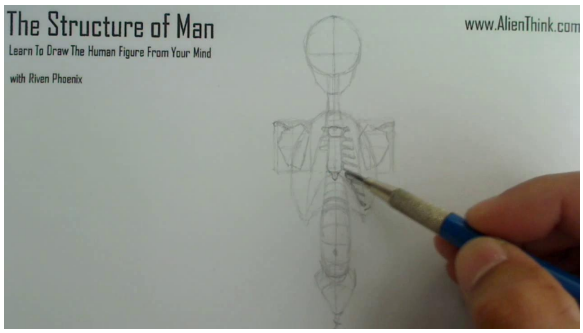
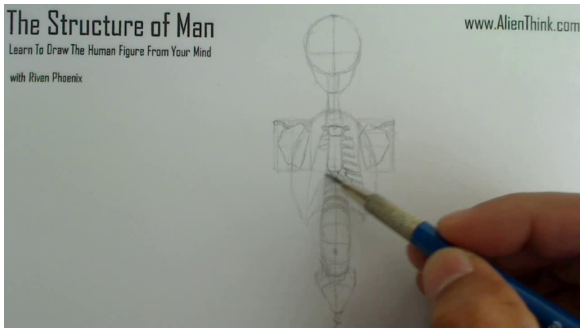
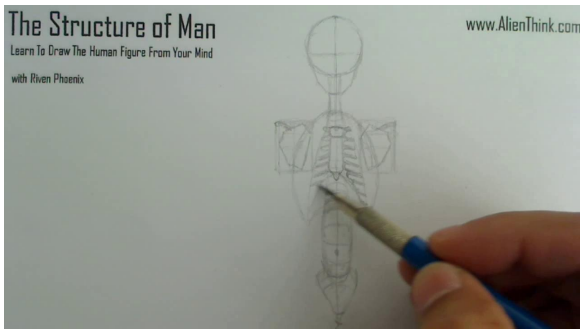
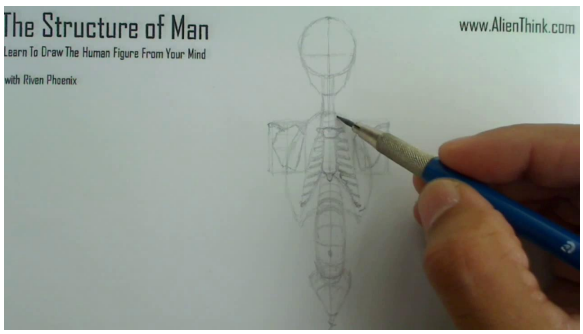
45		and where you did this this is the seventh one right seven eight nine ten eleven so these are like two concepts that you should just keep in mind
46		future reference okay so this is going to be here here and this is going to be here okay so here I'm just going to
47		make sure that I got all this correctly done before moving on okay so now we obviously know that this is going to curve up
48		and it's going to go back on this end over here right so it's pretty simple so now when you draw this out

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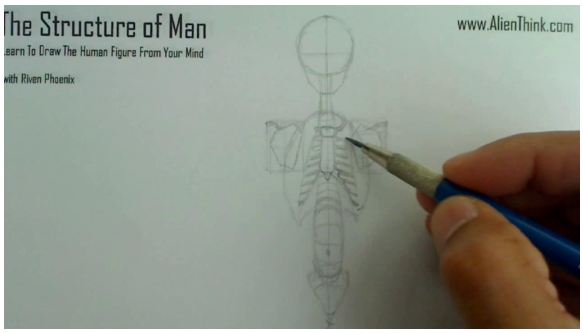
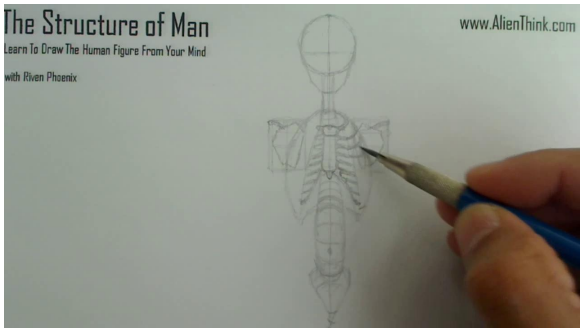
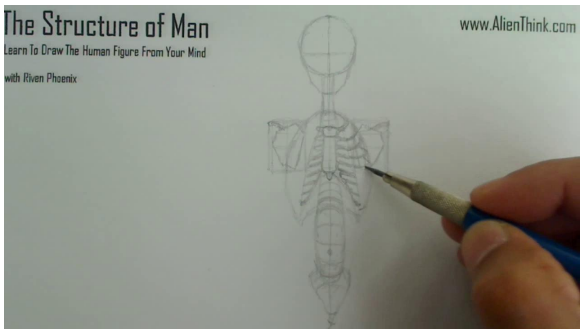
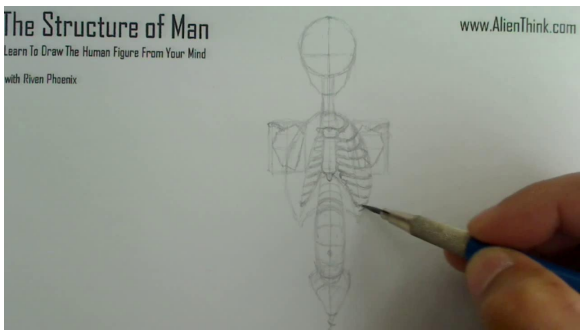
49		you're just going to curve them up like this okay so they're going to go like this and they're going to go back up
50		curving you don't have to connect it to the back that's just going to make it make the drawing much more messy
51		when sketching it out just do it this way first it's going to go this direction this direction and then it's just going up
52		okay and you'll do the same thing on this end over here so I'm just going to notice that how we can just use

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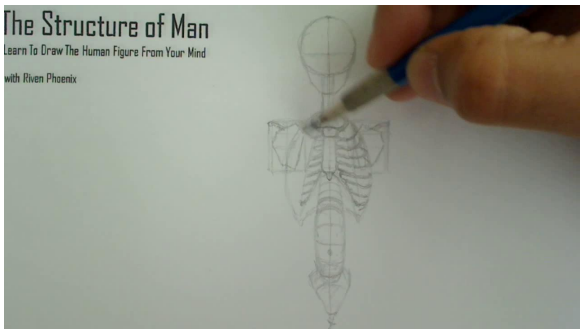
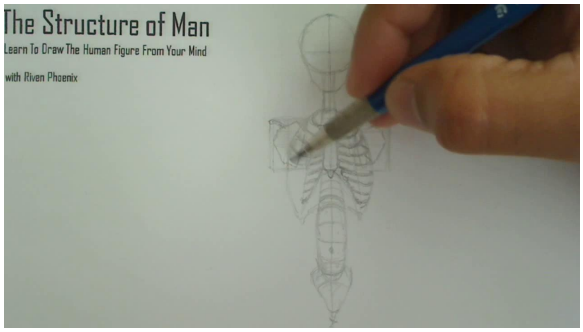
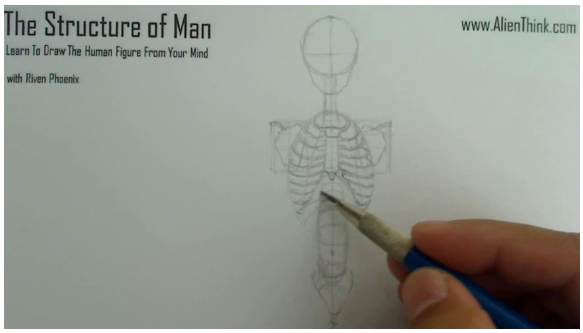
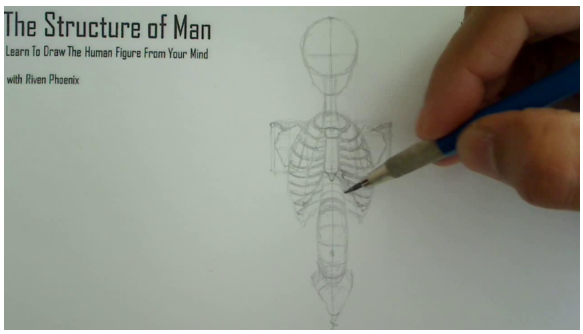
53		suggestion to get some of these concepts down
54		then over here this is the fifth one right you already know right that this one is going to be coming here
55		so now you can just make the tenth one over there right because you can see it that this one you will be able to see
56		that it's just going to curve up like this this one here this is going to hang off and then this is going to hang off

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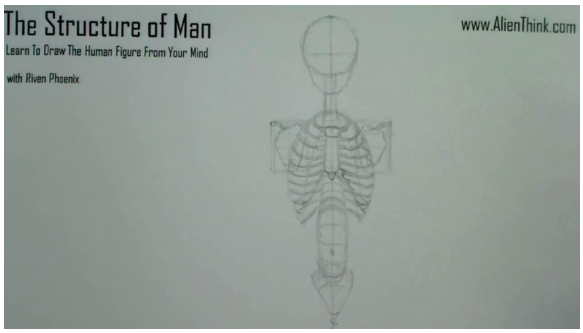
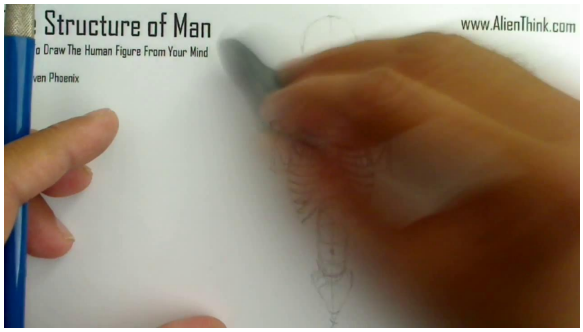
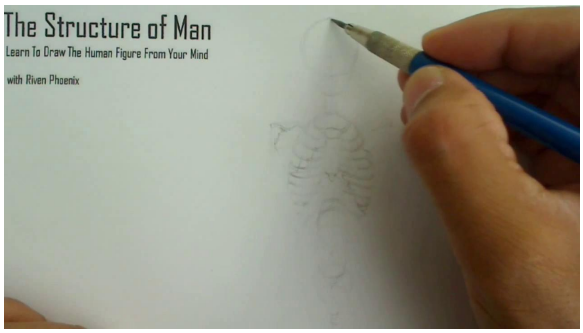
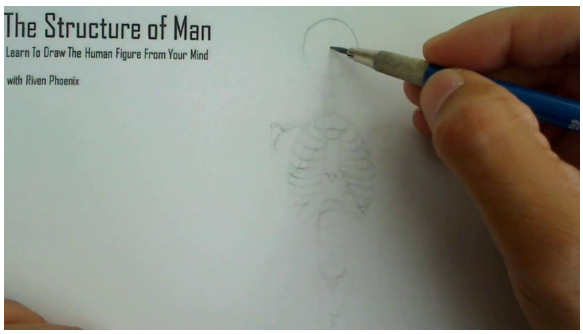
57		and that's basically the front so now since we have the whole concept down we just need to erase very lightly here
58		just keep these original lines down and then start to put all the details down
59		so here I'm just going to start out I first creating the the skull it's going to be just a little slow with this
60		okay so here and from here to here I'm going to get the nose

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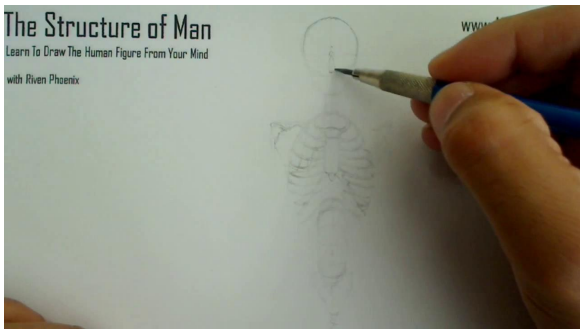
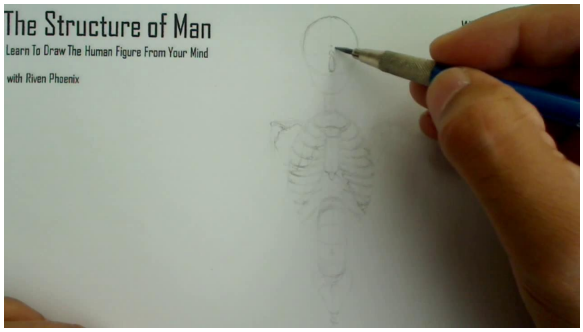
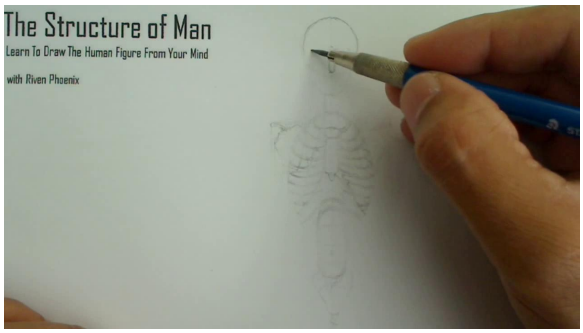
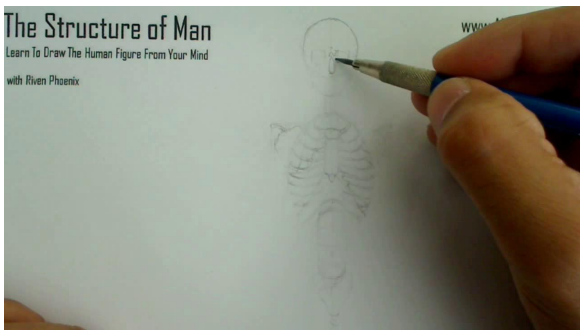
61		right so it's up to you as I mentioned you can do the nose all along or you can bring it down usually I'll just leave it like this
62		and we also already know about that box system that is you know just understand the distance has to be equal
63		and just look at where you are right just draw out the box so you can see how you're going to do this
64		basically this is more like an oval shape just like this okay I'm going to be light with this now a little bit

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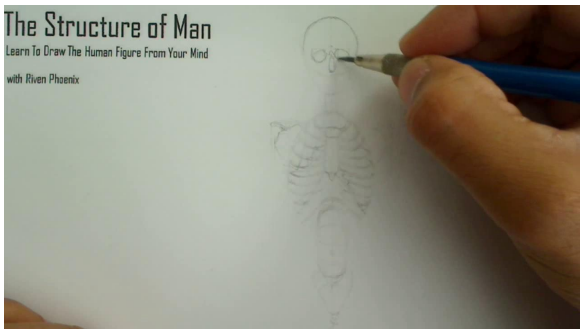
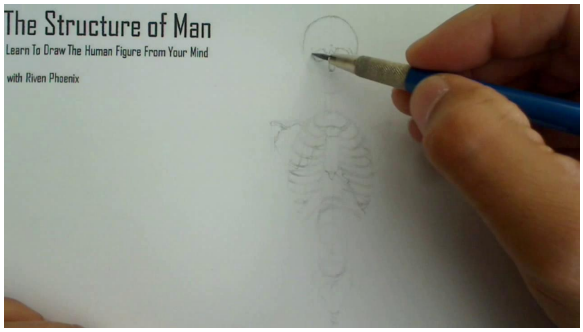
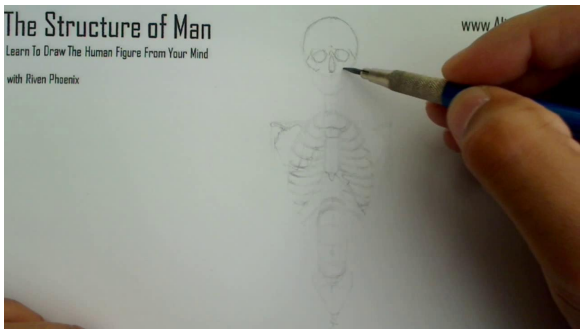
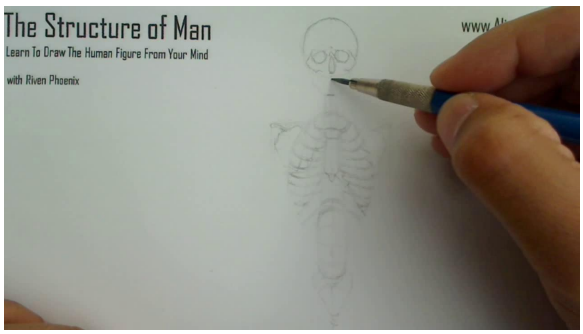
65		so once I get some of these concepts now again when I do this line make sure it's under the center line
66		right and then here we'll just come like this and we're going to come like this over here
67		and over here we already know this is the chin
68		at those two sections you're going to get the mouth and then here it's just basically going to get your jaw line over here

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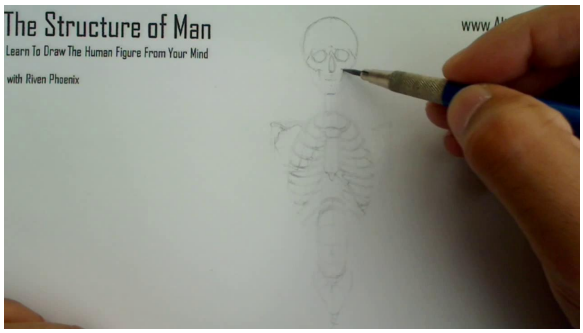
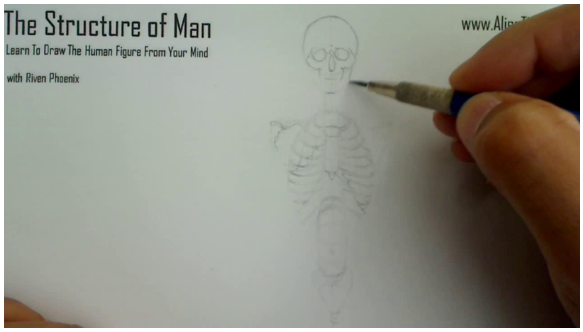
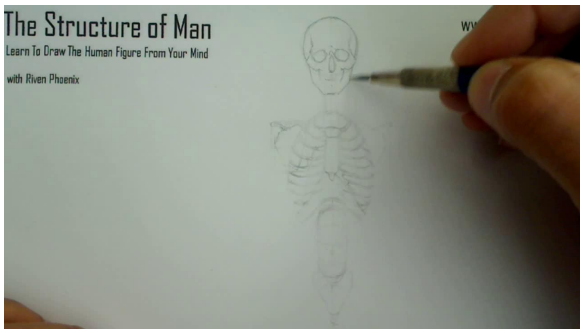
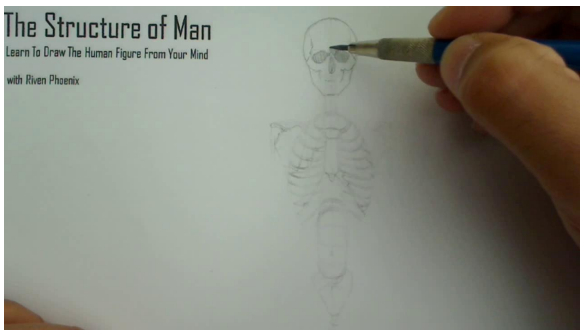
69		right
70		okay so once I made sure of this it's going to make sure sometimes I like to put it in
71		okay so here once I've got these concepts down I'm going to try to move a little fast with this if I do too much detail here
72		it's just going to take forever

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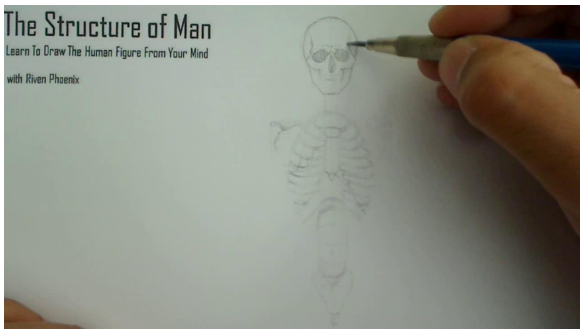
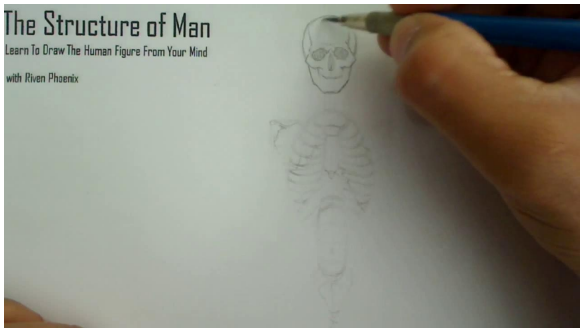
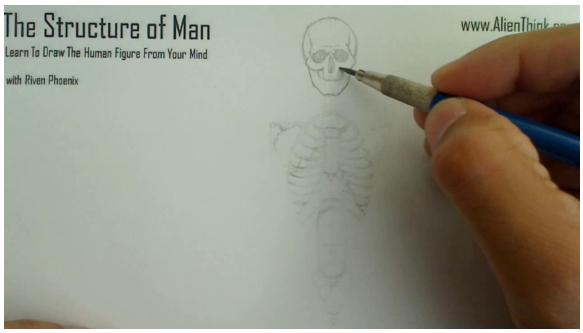
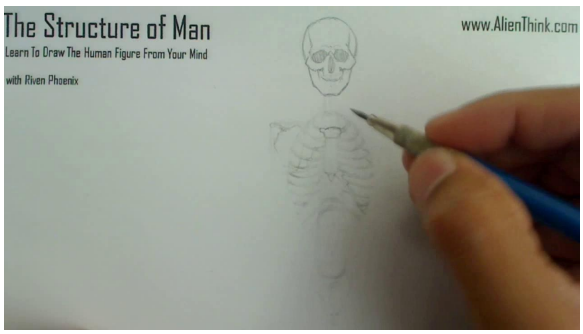
73		okay just want you to see
74		okay so this is the front of the skull
75		here and now when we come over here we can now all we have to do is really just think about all these little details here
76		right so here just be as organic about it as possible right there's really nothing to this

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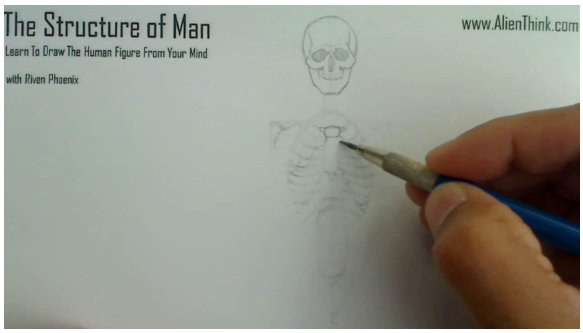
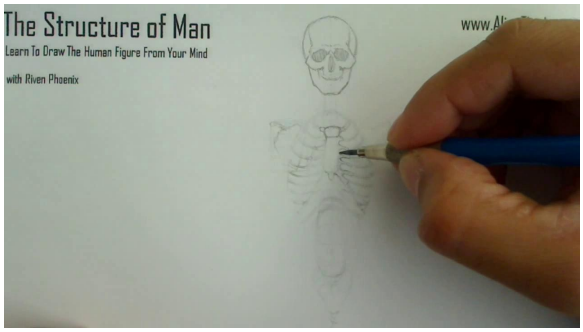
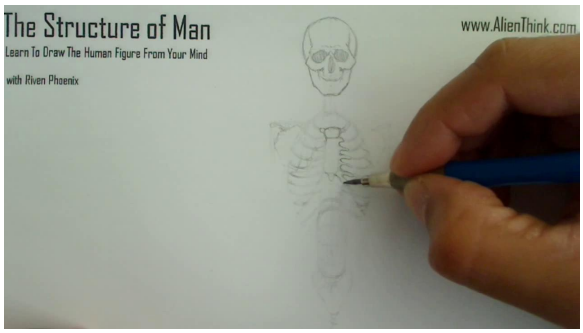
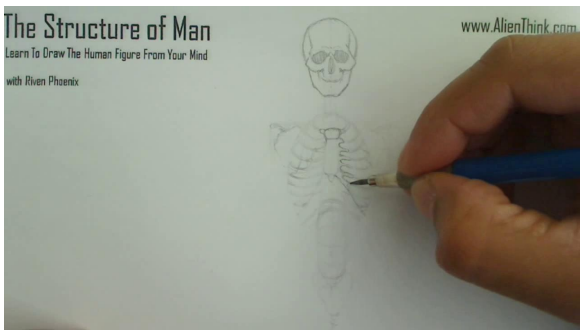
77		I'm just going to do like this over here
78		okay
79		so now when this comes down here right we already know this is the seventh one
80		it's going to give us a sixth sorry seven eight nine then this is going to be the tenth one

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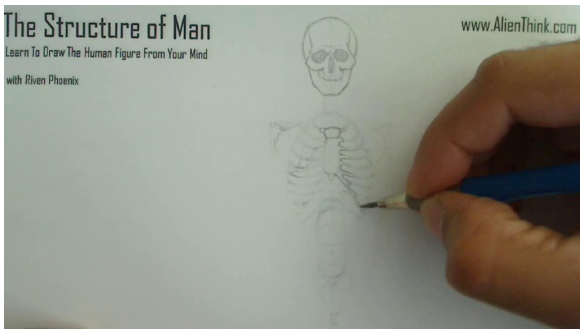
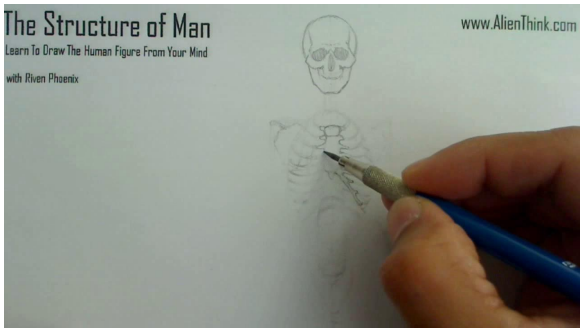
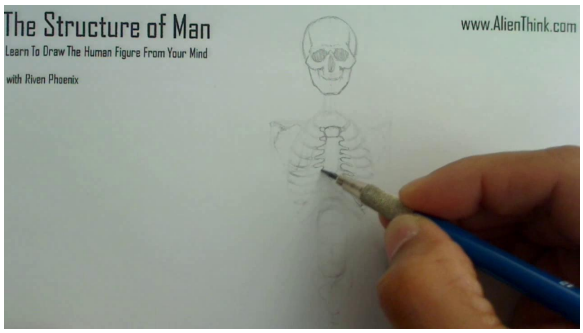
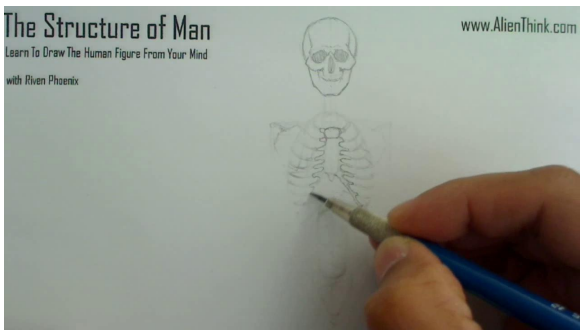
81		okay so once you've got this whole contraption down it's going to make sure I got it on the other side also
82		right so all this stuff that I'm showing you right it's all about the conceptual idea of it
83		as long as you can draw it and conceptually you can make this at a realistic as you want it doesn't matter
84		right so this is the seven eight nine

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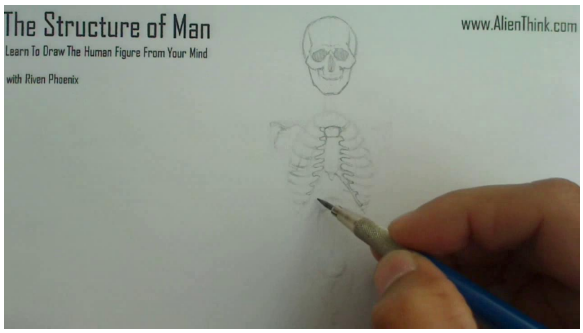
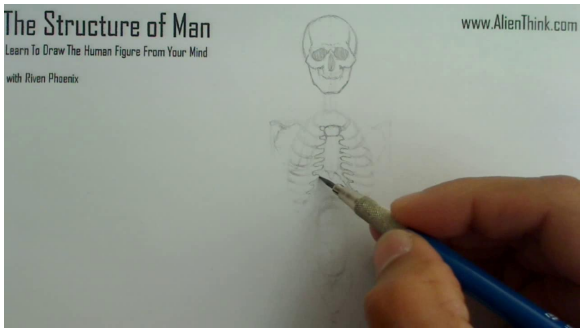
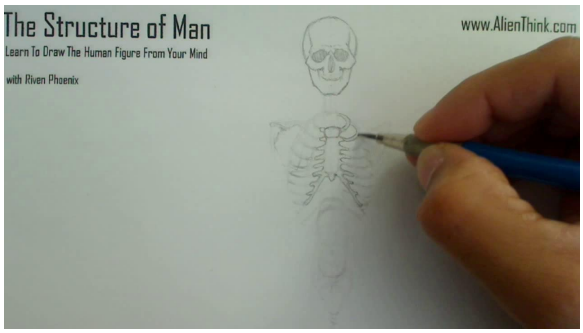
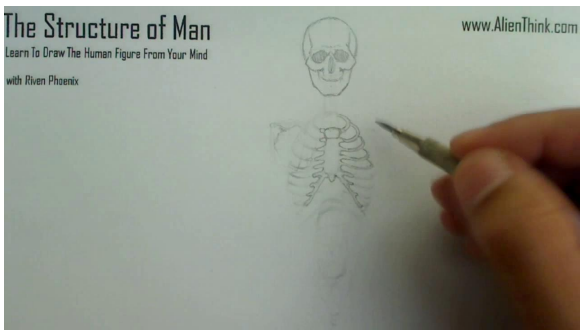
85		eight nine and then ten
86		okay and then here you'll get this so once I get this all I have to do is now swing this around on the other side
87		okay here I'm actually doing this outline over here but I'm just going to do suggestion because I want to draw this
88		out so I just want to be sure that I get this right so here we're going to just draw the scapula over here

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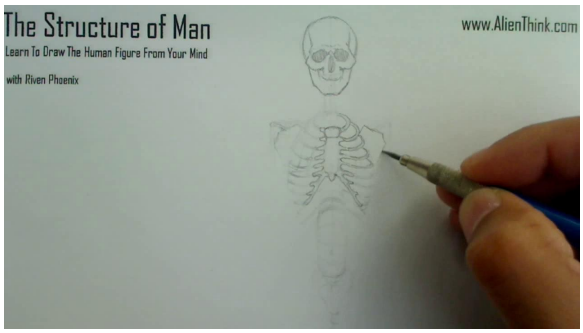
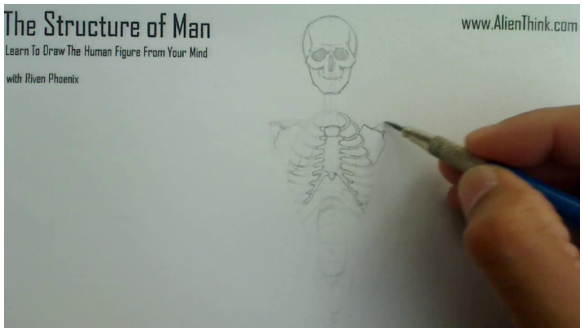
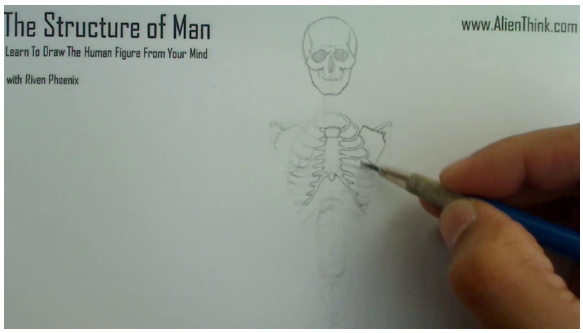
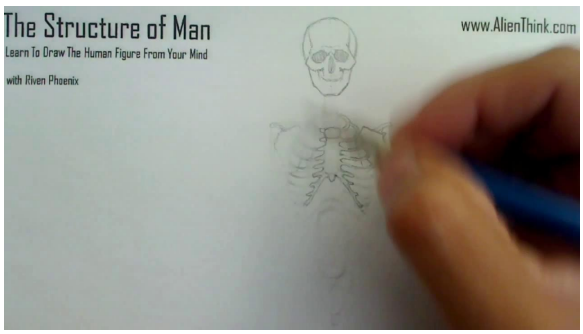
89		right we know that's just going to here it's just going to hide back there you don't have to draw it through
90		and then over here we're just going to get this so this will be the basics of the scapula right
91		so it'll go in the back over there I guess we can just draw it in here it's where your bowl joint is going to be
92		so let's do the same thing over here we're almost done with this

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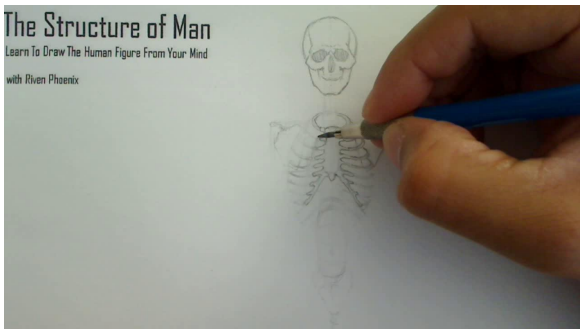
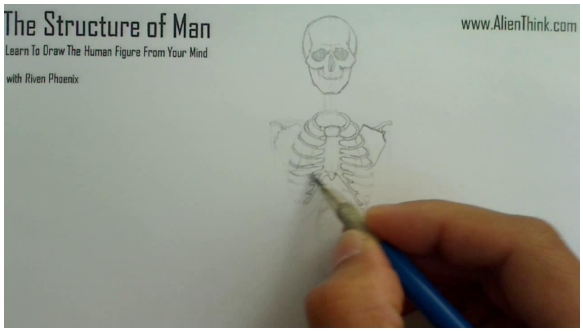
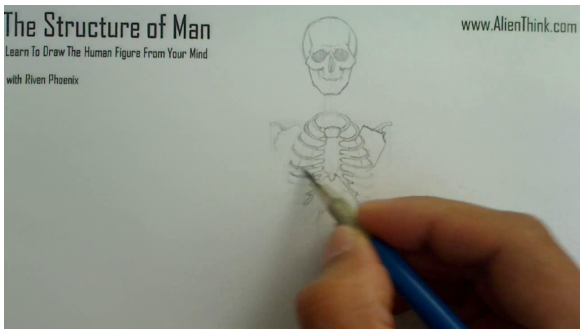
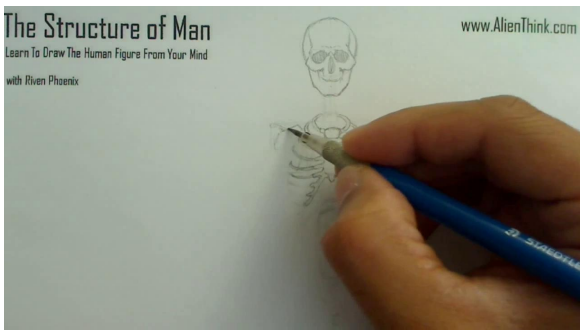
93		okay and then over here
94		and over here I'm just going to be suggestive right because I'm going to come back in
95		now again as I said it doesn't have to be symmetrical but you want to make it look as organic as possible
96		so here with this end over here I'm just going to put those lines down and try to finish this is a little faster

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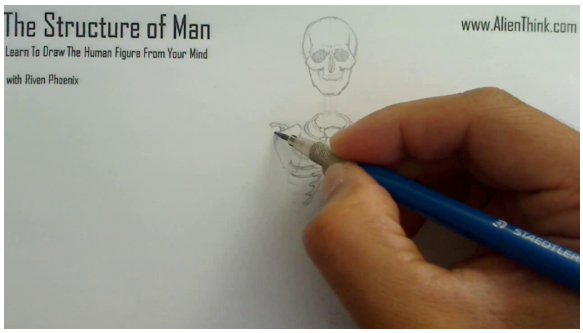
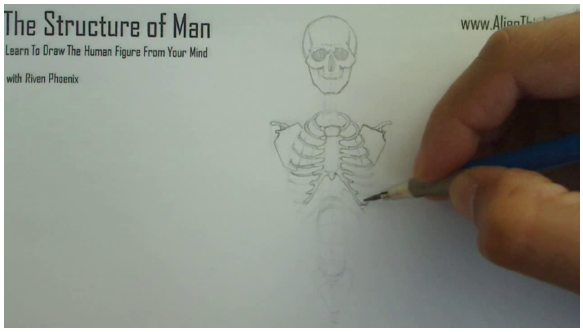
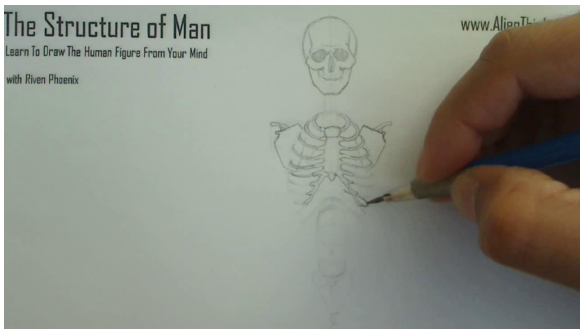
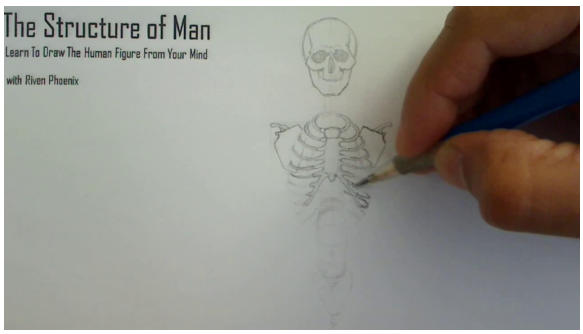
97		I don't like to keep make these videos too long okay so we already know that okay this is the tenth one
98		it's going over here it's going to connect over here so here I'm just going to use now suggestion
99		I'm going to actually make these all black like this right so you already know that that's just going
100		I'm just going to lighten that up like this right now you can go all the way back if you really want to

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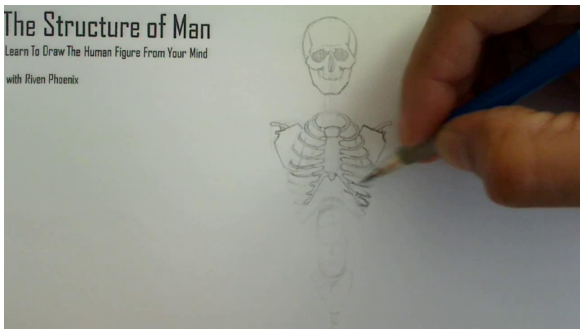
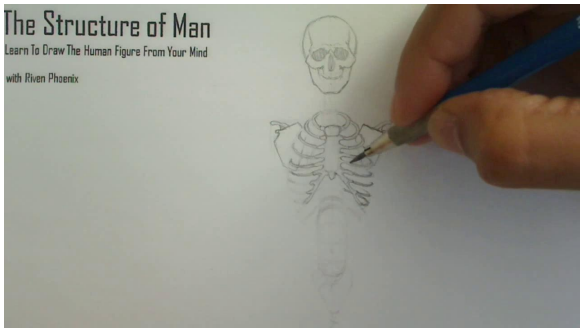
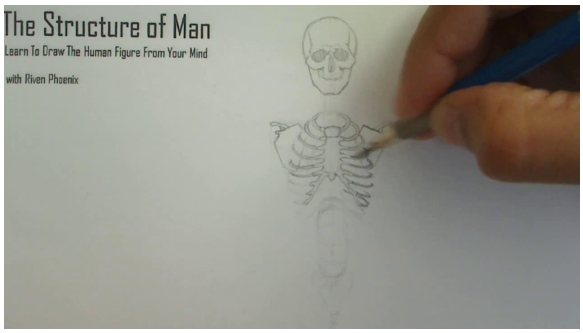
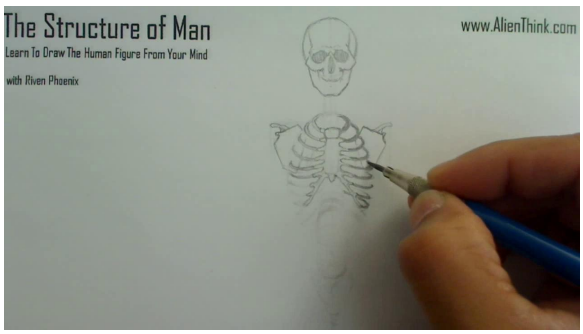
101		if you're drawing out a skeleton but you know how to do that now right because you understand how the back works
102		when it's going to work so here I'm just going to go like this
103		just make them black
104		that's all that's needed over there and then here we'll just quickly fill this in

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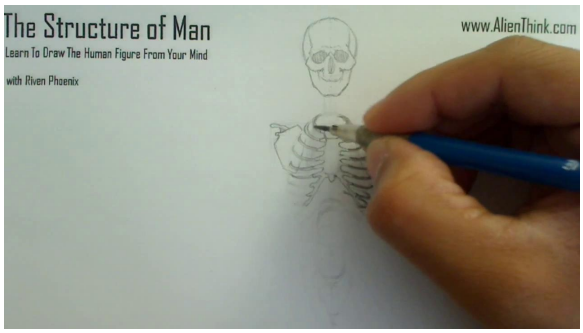
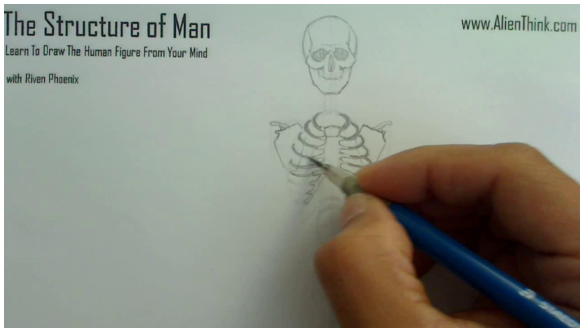
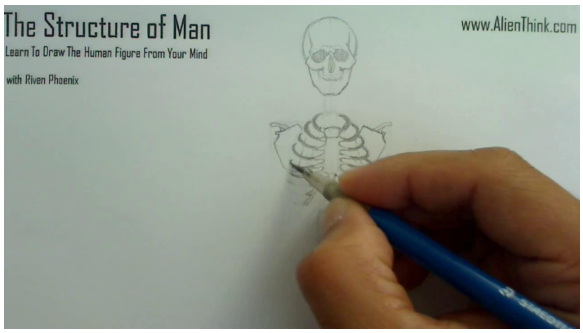
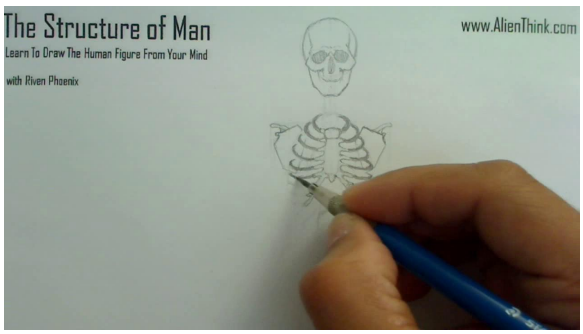
105		right so I can come back in here and later just make these lines much more crisper
106		I'm just I'm going all the drawings that I'm showing you are just conceptual style drawings right
107		it's got a and that's one of the thing with drawing is that if you're trying to make something look like
108		it's a conceptual idea you got to draw it in this way right if you're going to make something realistic

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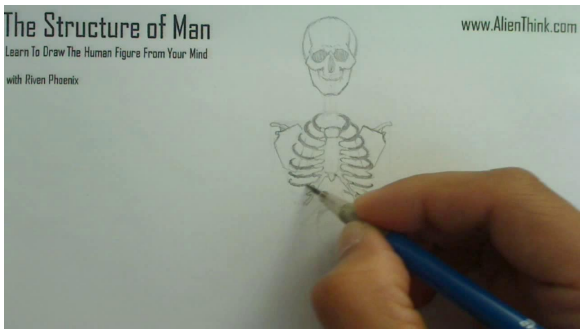
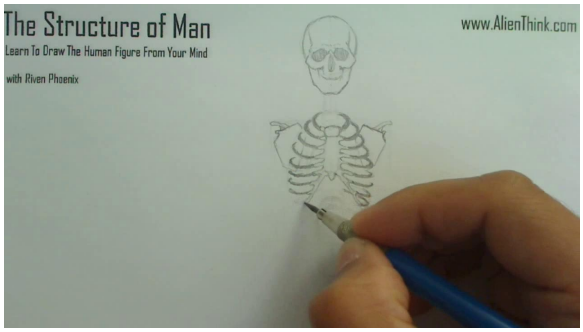
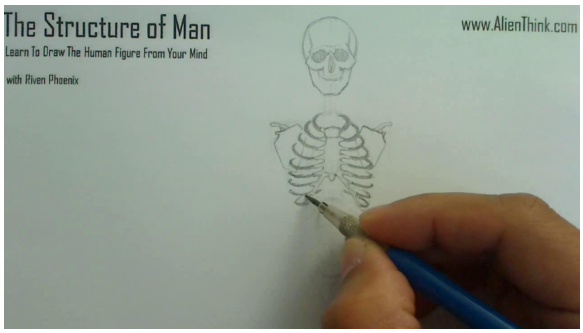
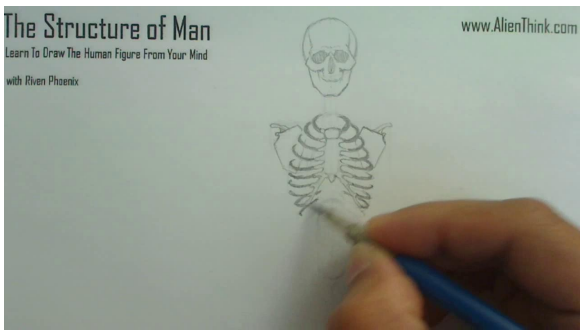
109		you got to join a realistic way
110		okay all this is just going to go here right so obviously this tent one is going to go here
111		right and then this one is just going to curve in a little bit
112		there's the 11th one and then over here this is going to just hang out

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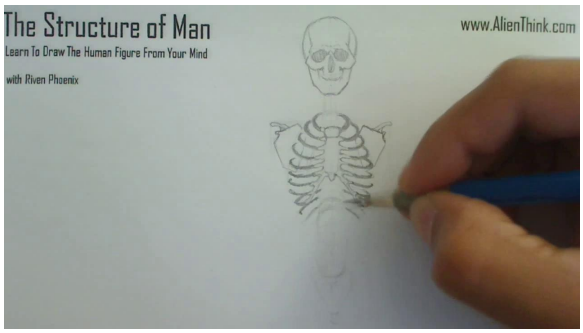
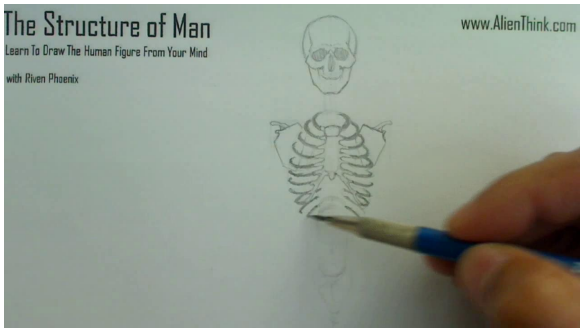
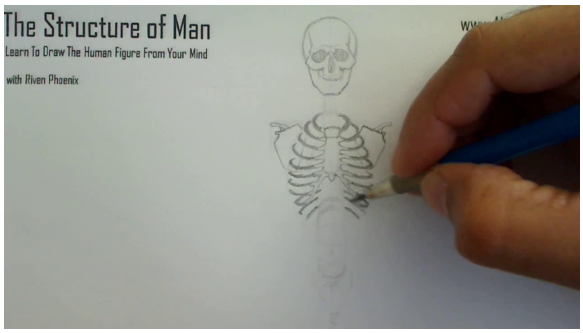
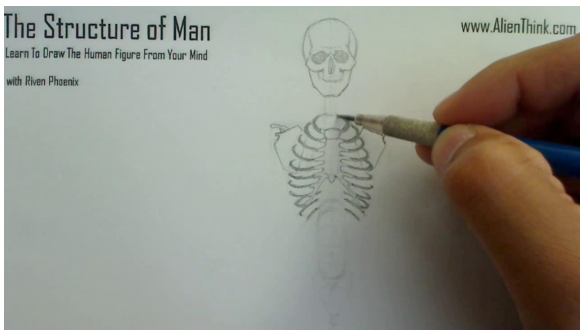
113		over here just like this okay then over here it's like this right so you can see as to why we do the form
114		in this way we just close it up and we do it this way it's because it's just compensating for this little curve here that happens after the bend
115		okay and over here we can just we already know that okay well this is going to be the 12th one
116		over here that we have drawn right remember the

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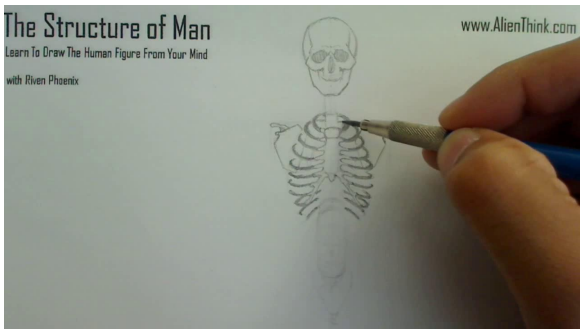
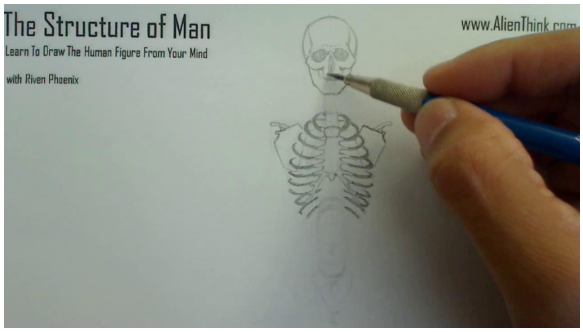
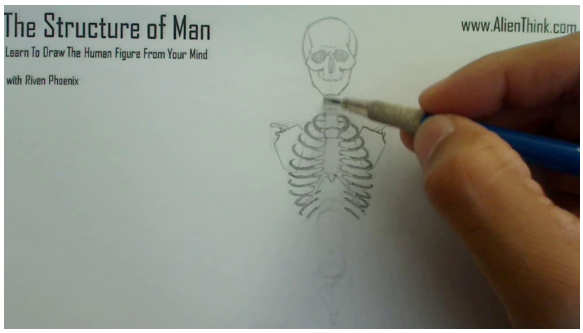
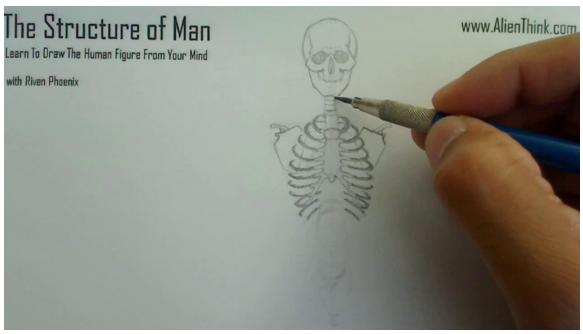
117		just like the prongs are going in there right so you can now just eyeball this over here just a little bit
118		then over here you're going to get those seven ones so here one two three
119		so I'm just highlighting that stuff here
120		and that's it right should be good enough

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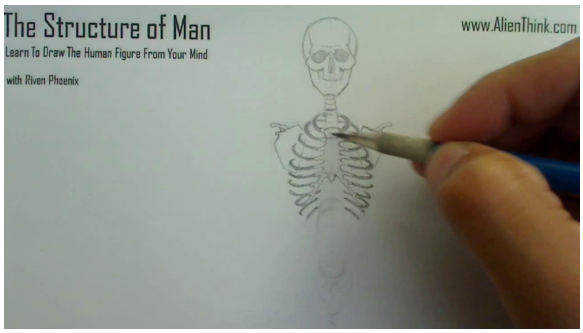
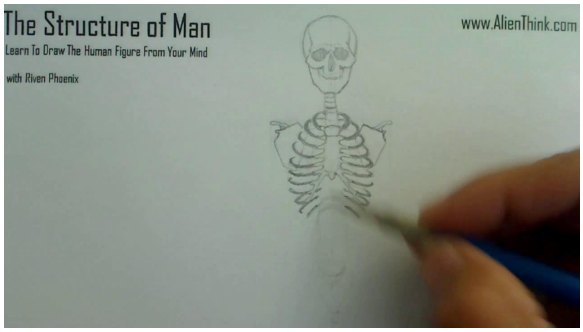
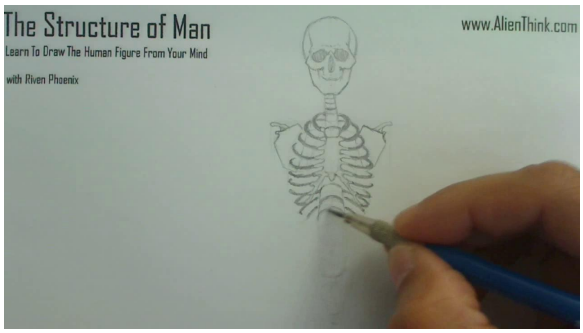
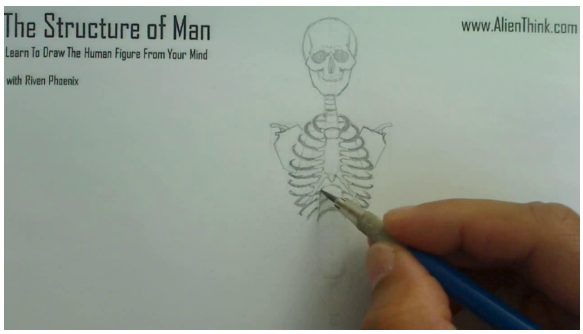
121		okay so now you understand what's going on here and how to put this together
122		right so all we have to do is not just finish this off over here
123		so one other thing here I'm going to show you that you can even put these bands around
124		these areas over here right because they're like for the spine it's like held up

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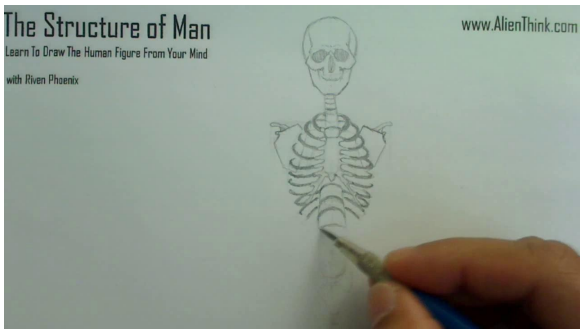
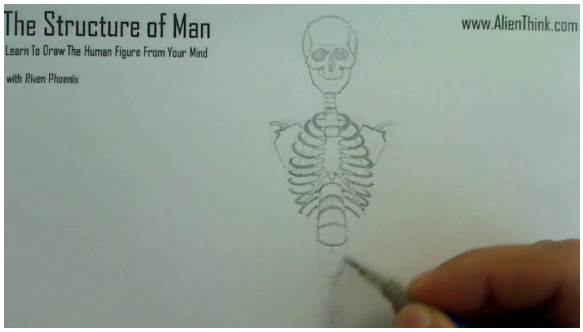
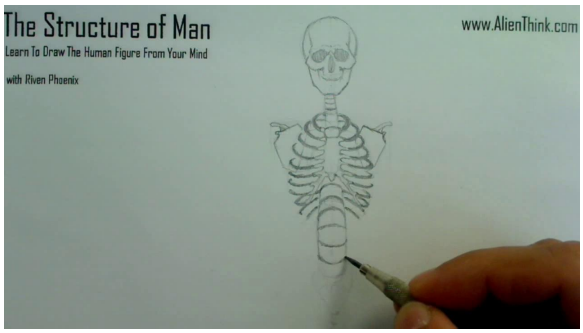
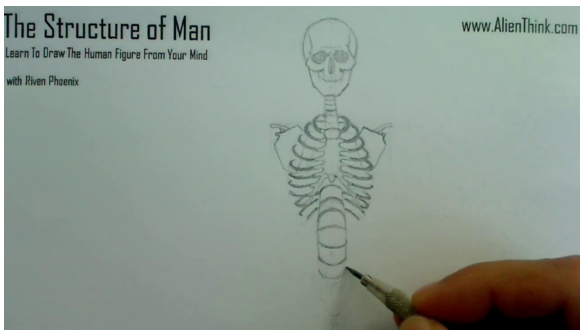
125		like this right and you can refer to anatomical books to look at this even more detail but the concept here is that you know how to draw the spine now
126		and you can add more additional info to this toolkit right so there are two types of toolkits
127		one is the toolkit that we started out which is very simple based on the human skills
128		and this is the more detailed understanding of the toolkit right so here I'm just going to draw this way here

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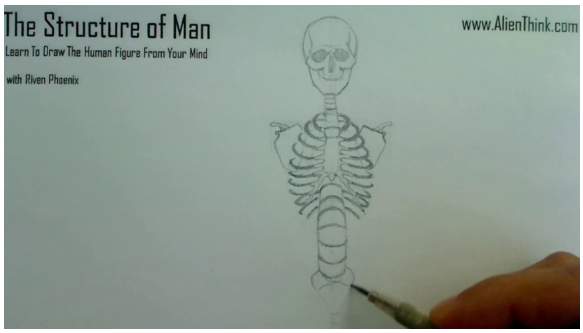
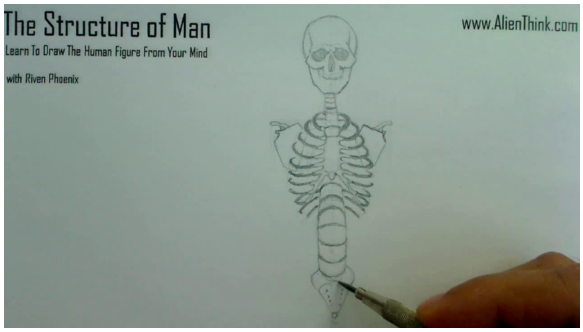
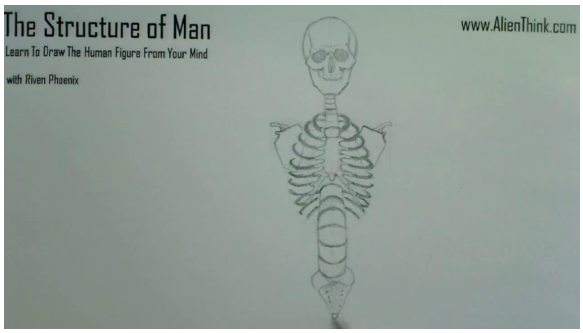
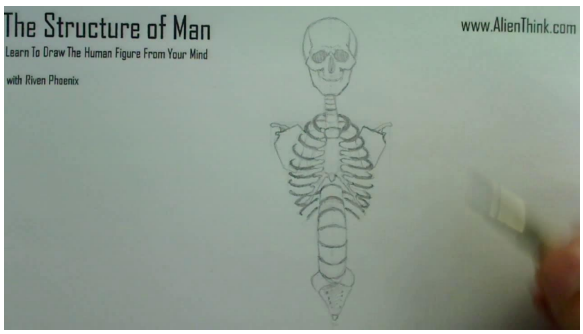
129		draw it this way over here and just make that little thing here right so here one two three four
130		and that's it so here we can even shade this area in
131		okay
132		okay so we can just basically go in here and then make this even more detail and clean it up

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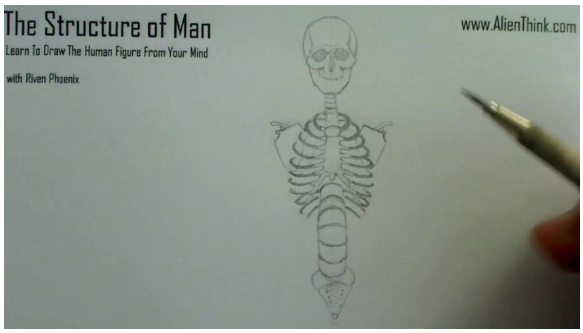
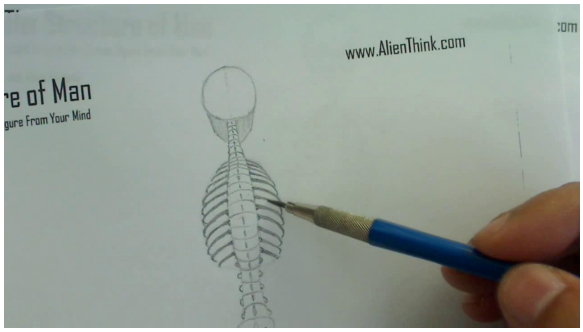
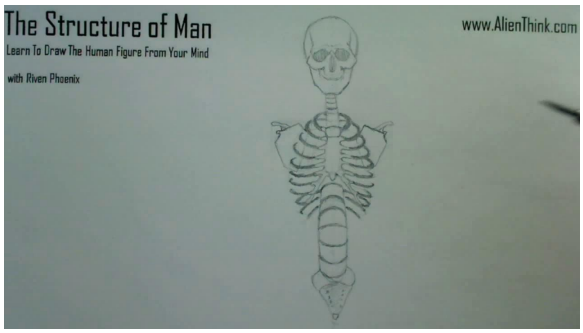
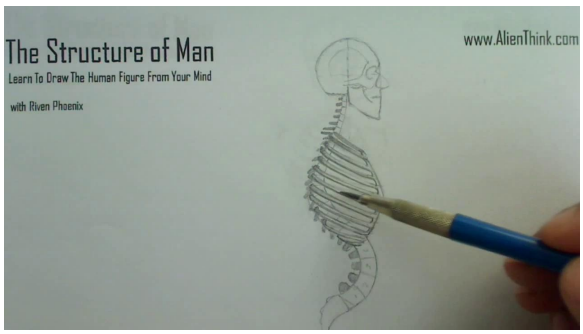
133		so since we already took a look at this now what you should do is do the same thing here in the back
134		right we've already been through this is measure the bottom of the package and it's the same thing you draw it from the back
135		okay that's something you can do you have the knowledge and over here is the same concept
136		you're going to do it like a book system over here okay so I'll see you in the next lesson

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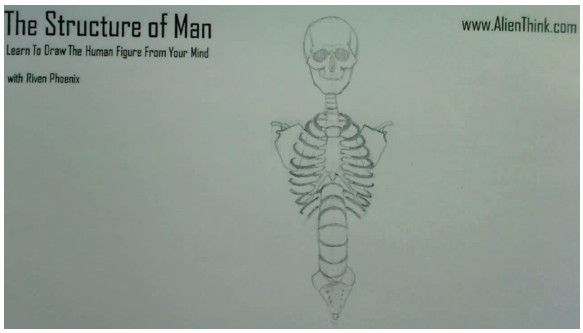
137		thanks

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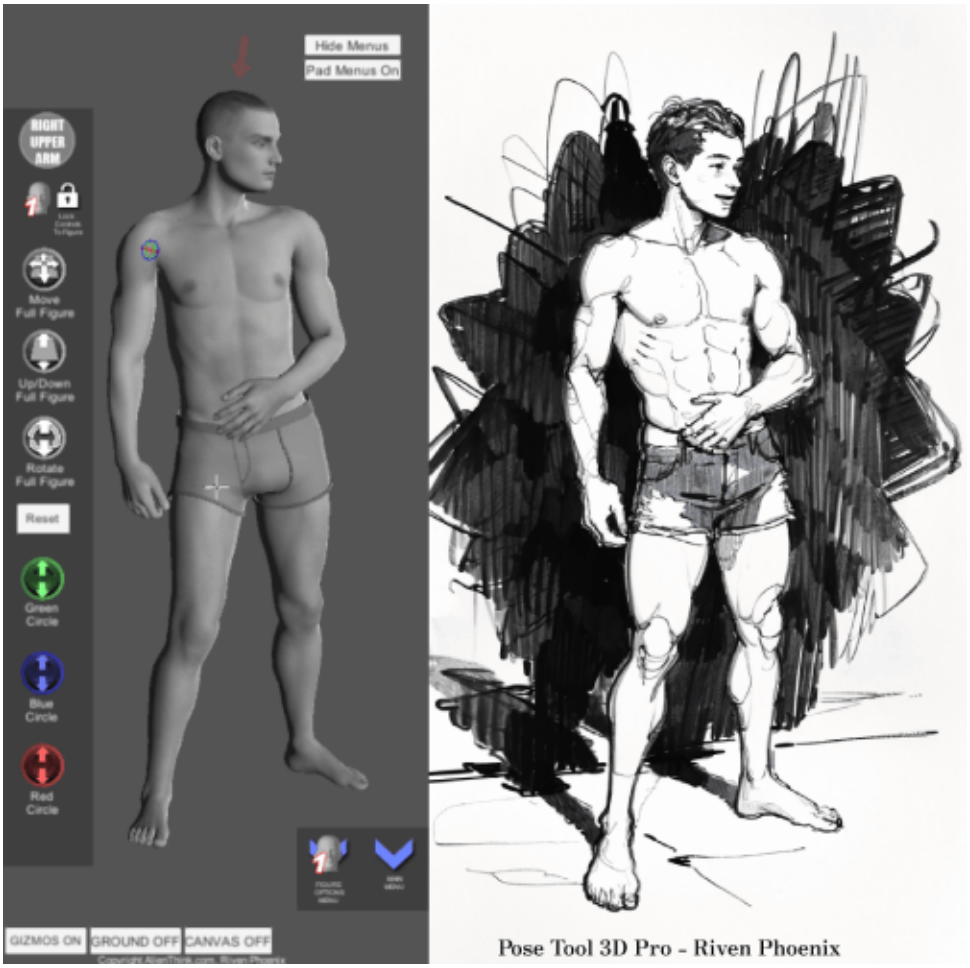

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